

807244

County Otter Tail
Quad Lake
Quad ID 238B

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING REPORT
Minnesota Statutes Chapter 1031

Entry Date
Update Date 07/10/2018
Received Date 01/07/2016

Well Name BURKHARDT,				Township 137	Range 42	Dir W	Section 27	Subsection CDCDDD	Well Depth 335 ft.	Depth Completed 331 ft.	Date Well Completed 09/01/2015	
Elevation 1335				Elev. Method LiDAR 1m DEM (MNDNR)						Drill Method Non-specified Rotary	Drill Fluid Qwik gel	
Address Well 24784 LABRADOR BEACH RD PELICAN RAPIDS MN Contact 2920 LITCHFIELD RD N GOODYEAR AZ 85395									Use domestic	Status Active		
Stratigraphy Information									Well Hydrofractured? Yes ☐ No ☐ From To			
									Casing Type Single casing Joint			
									Drive Shoe? Yes ☐ No ☐ Above/Below			
Geological Material									Casing Diameter Weight Hole Diameter			
TOPSOIL									4 in. To 321 ft. lbs./ft. 8 in. To 50 ft.			
CLAY									6.7 in. To 331 ft.			
SAND (FINE)												
CLAY												
CLAY (STICKY)												
ROCKY CLAY												
CLAY												
SAND (2 SLOT)												
VERY COARSE SAND												
									Open Hole From ft. To ft.			
									Screen? ☒ Type stainless Make JOHNSON			
									Diameter Slot/Gauze Length Set			
									4 in. 40 10 ft. 321 ft. 331 ft.			
									Static Water Level			
									15 ft. land surface Measure 09/01/2015			
									Pumping Level (below land surface)			
									331 ft. 2 hrs. Pumping at 100 g.p.m.			
									Wellhead Completion			
									Pitless adapter manufacturer MONITOR Model B4BO			
									☐ Casing Protection ☒ 12 in. above grade			
									☐ At-grade (Environmental Wells and Borings ONLY)			
									Grouting Information Well Grouted? ☒ Yes ☐ No ☐ Not Specified			
									Material Amount From To			
									bentonite 7 Sacks ft. 100 ft.			
									Nearest Known Source of Contamination			
									40 feet East Direction Body of water Type			
									Well disinfected upon completion? ☒ Yes ☐ No			
									Pump ☐ Not Installed Date Installed 09/01/2015			
									Manufacturer's name GRUNDFOS			
									Model Number 10SO5-9 HP 0.5 Volt 230			
									Length of drop pipe 40 ft Capacity 10 g.p. Typ Submersible			
									Abandoned			
									Does property have any not in use and not sealed well(s)? ☐ Yes ☒ No			
									Variance			
									Was a variance granted from the MDH for this well? ☐ Yes ☒ No			
									Miscellaneous			
									First Bedrock Aquifer Quat. buried			
									Last Strat sand Depth to Bedrock ft			
									Located by Minnesota Geological Survey			
									Locate Method GPS SA Off (averaged) (15 meters)			
									System UTM - NAD83, Zone 15, Meters X 272345 Y 5169902			
									Unique Number Verification Site Plan Input Date 12/15/2017			
									Angled Drill Hole			
									Well Contractor			
									Antonsen Well Drilling, Inc. 2147 DAVE			
									Licensee Business Lic. or Reg. No. Name of Driller			
Remarks												